ODS 40

OBSTRUCTION DATA SHEET

ODS 40
BATON ROUGE METROPOLITAN AIRPORT: RYAN FIELD
BATON ROUGE, LOUISIANA

DIGITIZED FROM

OC 40
SURVEYED FEBRUARY 1989
11TH EDITION

PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
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C 55.411/3:

OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)

2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

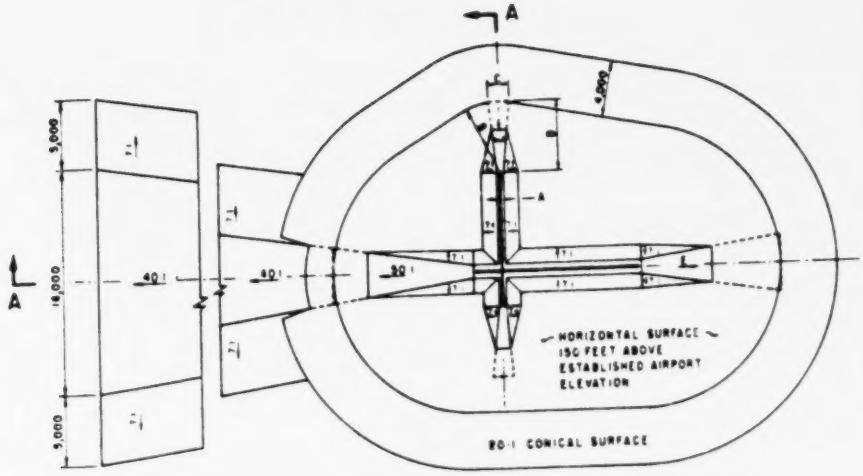
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway - nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ...... Precision instrument runway
SUPLC ... Supplemental C underlying a B(V)

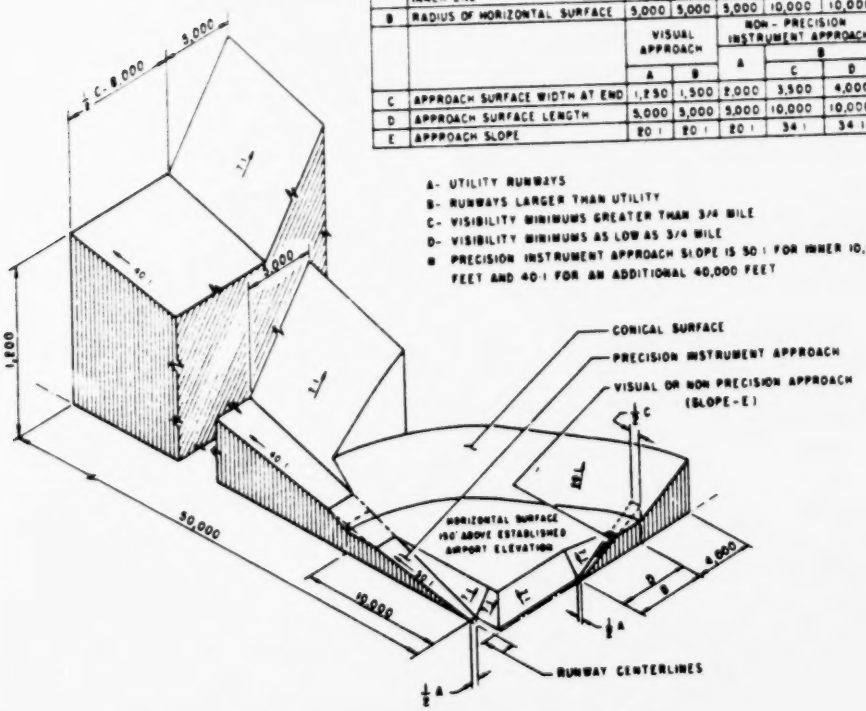
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
					C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x^{1} x^{2} XXXX/XXXX^{3} XXXXXX.XXX^{4} XXXXXXX.XXX^{4} XXXXXXX^{5} XXXX/XXXX^{6} XXXXXX.XXX^{7} XXXXXXX.XXX^{7}

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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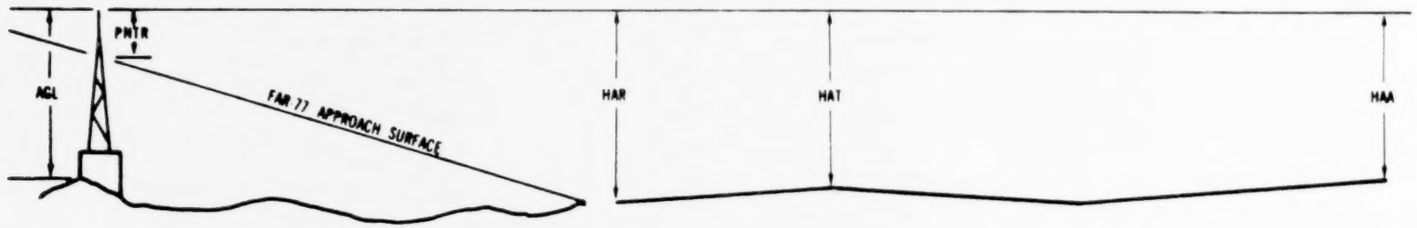
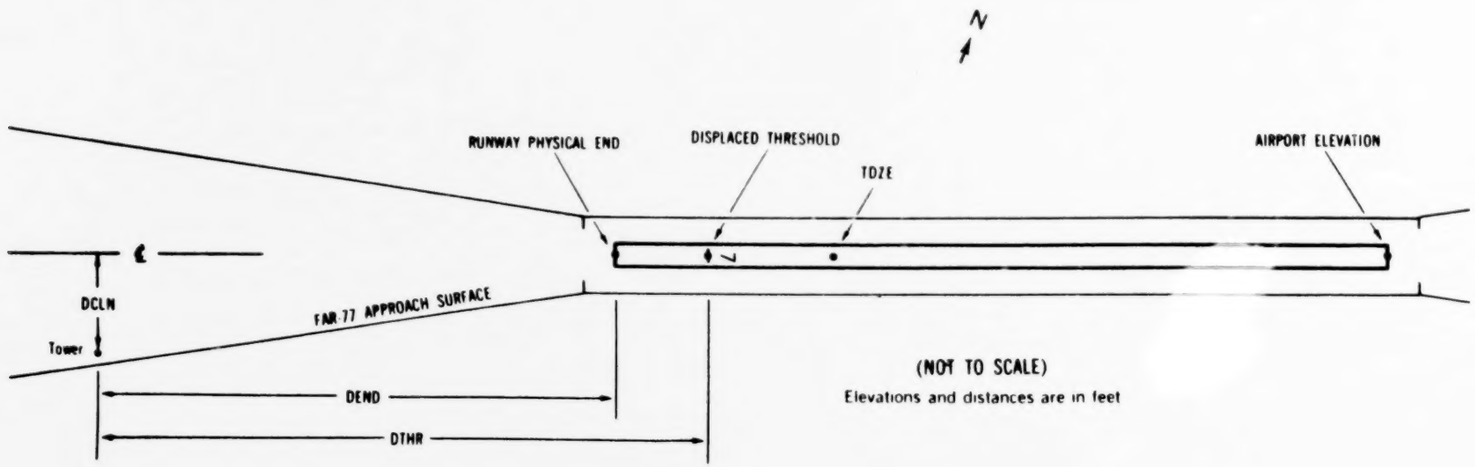




(NOT TO SCALE)

Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

[1] Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

[2] For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)

[3] Reference runway approach physical end elevation/touchdown zone elevation

[4] Latitude and longitude of reference runway approach physical end

[5] Reference runway geodetic azimuth reckoned clockwise from south

[6] Reference runway displaced threshold elevation/touchdown zone elevation

[7] Latitude and longitude of reference runway displaced threshold

[8] Accuracy Code:

Horizontal	Vertical
1 = 20	A = 2
2 = 40	B = 5
	C = 20

[9] Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

[10] Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ±10 feet.

[11] HAA - Height above airport
HAR - Height above reference runway approach physical end
HAT - Height above reference runway touchdown zone elevation

[12] DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.

A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.

[13] PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC0040

AIRPORT ELEVATION 70

4L C 66/69 303131.998N 0910921.613W 2232859

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	303219.77	0910821.63	1A	79		13	10	9	-7113		485R	10
OL ON WINDSOCK	303212.83	0910833.34	1A	88		22	19	18	-5899		224R	18
ROD ON OL GLIDE SLOPE	303208.71	0910835.88	1A	118		52	49	48	-5444		350R	48
OL ON WINDSOCK	303137.65	0910911.87	1A	84		18	15	14	-1000		225R	17
FENCE POST	303128.36	0910922.16	1A	68		2	-1	-2	300		218R	-1
OL ON LOCALIZER	303128.85	0910925.06	1A	71		5	2	1	438		0R	-2
OL ON DME	303130.41	0910927.46	1A	80		14	11	10	468		260L	6
LADDER ON BUILDING	303128.99	0910934.30	1A	89		23	20	19	984		596L	0
LIGHT POLE	303124.69	0910935.32	1A	91		25	22	21	1361		362L	-9
TREE	303120.23	0910934.89	1A	103		37	34	33	1662		25L	-6
TREE	303118.09	0910933.62	1A	111		45	42	41	1743		205R	0
TREE	303115.06	0910931.61	1A	116		50	47	46	1844		543R	2
TREE	303112.63	0910945.05	1A	136		70	67	66	2831		141L	-7
TREE	303108.30	0910941.97	1A	148		82	79	78	2963		355R	1
TREE	303113.48	0910949.26	1A	141		75	72	71	3021		467L	-8

OC0040

AIRPORT ELEVATION 70

22R PIR 69/ 303221.547N 0910827.323W 0432926 70/70 303218.568N 0910830.587W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WINDSOCK	303137.65	0910911.87	1A	84		15	14	14	-5899	-5484	225L	17
ROD ON OL GLIDE SLOPE	303208.71	0910835.88	1A	118		49	48	48	-1056	-1041	350L	48
OL ON WINDSOCK	303212.83	0910833.34	1A	88		19	18	18	-1001	-586	224L	18
ROAD (N)	303219.77	0910821.63	1A	79		10	9	9	213	628	485L	10
TREE	303226.82	0910828.96	1A	95		26	25	25	288	703	470R	24
TREE	303221.74	0910819.50	1A	88		19	18	18	485	900	483L	13
POLE	303229.30	0910826.26	1A	92		23	22	22	633	1048	472R	14
TREE	303227.45	0910817.62	1A	87		18	17	17	1017	1432	205L	2
TREE	303234.39	0910822.79	1A	110		41	40	40	1214	1629	605R	21
TREE	303227.44	0910811.56	1A	116		47	46	46	1381	1796	590L	23
TREE	303226.95	0910810.53	1A	121		52	51	51	1406	1821	690L	28
TREE	303234.56	0910819.34	1A	108		39	38	38	1434	1849	398R	14
TREE	303241.96	0910816.70	1A	134		65	64	64	2136	2551	745R	26
TREE	303239.13	0910813.01	1A	126		57	56	56	2150	2565	315R	18
TREE	303236.34	0910808.11	1A	126		57	56	56	2240	2655	190L	16
TREE	303241.77	0910811.29	1A	134		65	64	64	2447	2862	389R	20
TREE	303244.24	0910810.51	1A	134		65	64	64	2676	3091	511R	15
TREE	303235.17	0910759.42	1A	137		68	67	67	2678	3093	823L	18
TREE	303241.34	0910804.77	1A	135		66	65	65	2808	3223	54L	14
TRANSMISSION TOWER	303245.48	0910808.04	1A	133		64	63	63	2914	3329	440R	10
TREE	303238.98	0910759.18	1A	148		79	78	78	2972	3387	573L	24
TREE	303248.85	0910756.66	1A	153		84	83	83	3846	4261	47L	11

OC0040

AIRPORT ELEVATION 70

13 PIR 66/ 303225.981N 0910938.863W 3132817 66/68 303217.808N 0910928.904W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	303140.49	0910835.17	1A	73		7	5	3	-7204	-6004	498L	5
OL WINDSOCK	303147.08	0910847.74	1A	87		21	19	17	-5949	-4749	225L	18
ROD ON OL GLIDE SLOPE	303213.54	0910915.82	1A	111		45	43	41	-2327	-1127	474L	45
OL WINDSOCK	303212.61	0910918.84	1A	85		19	17	15	-2201	-1000	225L	19
FENCE	303221.65	0910925.11	1A	72		6	4	2	-1174	26	511L	6
BUILDING	303227.85	0910934.03	1A	76		10	8	6	-177	1023	428L	10
TREE	303230.98	0910937.44	1A	88		22	20	18	258	1458	452L	21
FENCE	303225.93	0910943.88	1A	70		4	2	0	315	1515	306R	2
TREE	303233.18	0910938.36	1A	89		23	21	19	468	1669	558L	18
TREE	303231.33	0910940.70	1A	94		28	26	24	488	1689	282L	22
TREE	303228.14	0910944.78	1A	86		20	18	16	526	1726	198R	13
TREE	303229.46	0910944.93	1A	88		22	20	18	627	1827	110R	13
TREE	303232.28	0910944.78	1A	102		36	34	32	813	2013	106L	24
TREE	303230.46	0910949.13	1A	111		45	43	41	963	2163	289R	30
TREE	303236.29	0910945.64	1A	118		52	50	48	1147	2347	348L	33
TREE	303238.86	0910945.43	1A	120		54	52	50	1312	2512	549L	32
TREE	303232.79	0910953.61	1A	128		62	60	58	1410	2610	388R	38
POLE	303241.21	0910946.49	1A	118		52	50	48	1543	2743	658L	25
TREE	303235.45	0910954.72	1A	133		67	65	63	1665	2865	260R	38
TREE	303234.51	0910959.15	1A	133		67	65	63	1881	3081	596R	33
TREE	303239.72	0910954.45	1A	147		81	79	77	1944	3145	69L	46
TREE	303239.78	0911001.20	1A	138		72	70	68	2377	3577	332R	28
TREE	303239.26	0911006.18	1A	132		66	64	62	2657	3857	670R	17
TRANSMISSION TOWER	303258.60	0911002.06	1A	150		84	82	80	3739	4940	997L	13
TRANSMISSION TOWER	303253.63	0911033.08	1A	163		97	95	93	5363	6563	1234R	-6

OC0040

AIRPORT ELEVATION 70

31 D 68/ 303138.313N 0910840.789W 1332846 68/69 303140.421N 0910843.356W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUILDING	303227.85	0910934.03	1A	76		8	7	6	-6822	-6513	428R	10
FENCE	303221.65	0910925.11	1A	72		4	3	2	-5825	-5516	511R	6
OL WINDSOCK	303212.61	0910918.84	1A	85		17	16	15	-4799	-4489	225R	19
ROD ON OL GLIDE SLOPE	303213.54	0910915.82	1A	111		43	42	41	-4672	-4363	474R	45
OL WINDSOCK	303147.08	0910847.74	1A	87		19	18	17	-1050	-741	225R	18
FENCE	303140.49	0910835.17	1A	73		5	4	3	205	514	498R	5
OL LIGHT STANDARD	303140.24	0910834.49	1A	97		29	28	27	266	576	521R	27
OL ON LOCALIZER	303136.08	0910838.07	1A	75		7	6	5	328	637	0L	3
OL DME	303133.24	0910838.72	1A	86		18	17	16	484	794	247L	10
ROAD (N)	303134.88	0910836.74	1A	81		13	12	11	496	805	8L	4
TREE	303132.78	0910827.06	1A	118		50	49	48	1256	1565	421R	19
TREE	303129.08	0910823.38	1A	131		63	62	61	1747	2056	371R	18
TREE	303123.25	0910828.69	1A	127		59	58	57	1815	2124	376L	12
TREE	303129.93	0910819.90	1A	150		82	81	80	1908	2218	642R	32
TREE	303127.08	0910822.89	1A	134		66	65	64	1917	2226	254R	16
TREE	303125.34	0910823.37	1A	132		64	63	62	2007	2316	98R	11
TREE	303125.97	0910817.76	1A	154		86	85	84	2319	2629	481R	24
TREE	303115.64	0910823.54	1A	149		81	80	79	2671	2981	624L	8
TREE	303120.89	0910817.56	1A	157		89	88	87	2685	2994	121R	16

OC0040

AIRPORT ELEVATION 70

4R A(V) 67/69 303142.411N 0910859.184W 2232910

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	303125.22	0910916.26	1A	143		76	74	73	2288		111R	-28
TREE	303126.13	0910918.43	1A	122		55	53	52	2352		90L	-53
TREE	303126.03	0910919.56	1A	107		40	38	37	2427		154L	-71
TREE	303124.31	0910921.00	1A	109		42	40	39	2640		126L	-80
TREE	303120.35	0910924.17	1A	127		60	58	57	3121		52L	-86
TREE	303118.79	0910924.07	1A	144		77	75	74	3229		63R	-74
TREE	303118.09	0910933.62	1A	111		44	42	41	3856		494L	-139
TREE	303115.06	0910931.61	1A	116		49	47	46	3957		156L	-139
TREE	303109.97	0910930.79	1A	148		81	79	78	4281		249R	-123
LIGHT STANDARD	303104.40	0910936.02	1A	158		91	89	88	5003		305R	-149
TREE	303108.30	0910941.97	1A	148		81	79	78	5076		344L	-163

22L A(V) 69/69 303209.692N 0910829.291W 0432925

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	303211.67	0910825.04	1A	70		1	1	0	401		132L	-9
ROAD (N)	303212.26	0910824.04	1A	77		8	8	7	504		155L	-7
TREE	303213.97	0910821.56	1A	119		50	50	49	779		193L	21
TREE	303216.90	0910821.07	1A	90		21	21	20	1023		20L	-20
ROAD (N)	303218.49	0910822.05	1A	79		10	10	9	1080		152R	-34
ROAD (N)	303219.77	0910821.63	1A	79		10	10	9	1200		215R	-40
TREE	303221.74	0910819.50	1A	88		19	19	18	1472		216R	-45
TREE	303227.44	0910811.56	1A	116		47	47	46	2368		109R	-61
TREE	303226.95	0910810.53	1A	121		52	52	51	2394		9R	-58
TREE	303226.20	0910806.60	1A	142		73	73	72	2575		292L	-46
TREE	303235.17	0910759.42	1A	137		68	68	67	3666		124L	-105
TREE	303238.98	0910759.18	1A	148		79	79	78	3959		126R	-109

OC0040

AIRPORT ELEVATION 70

ARP 303158.744N 0910858.346W

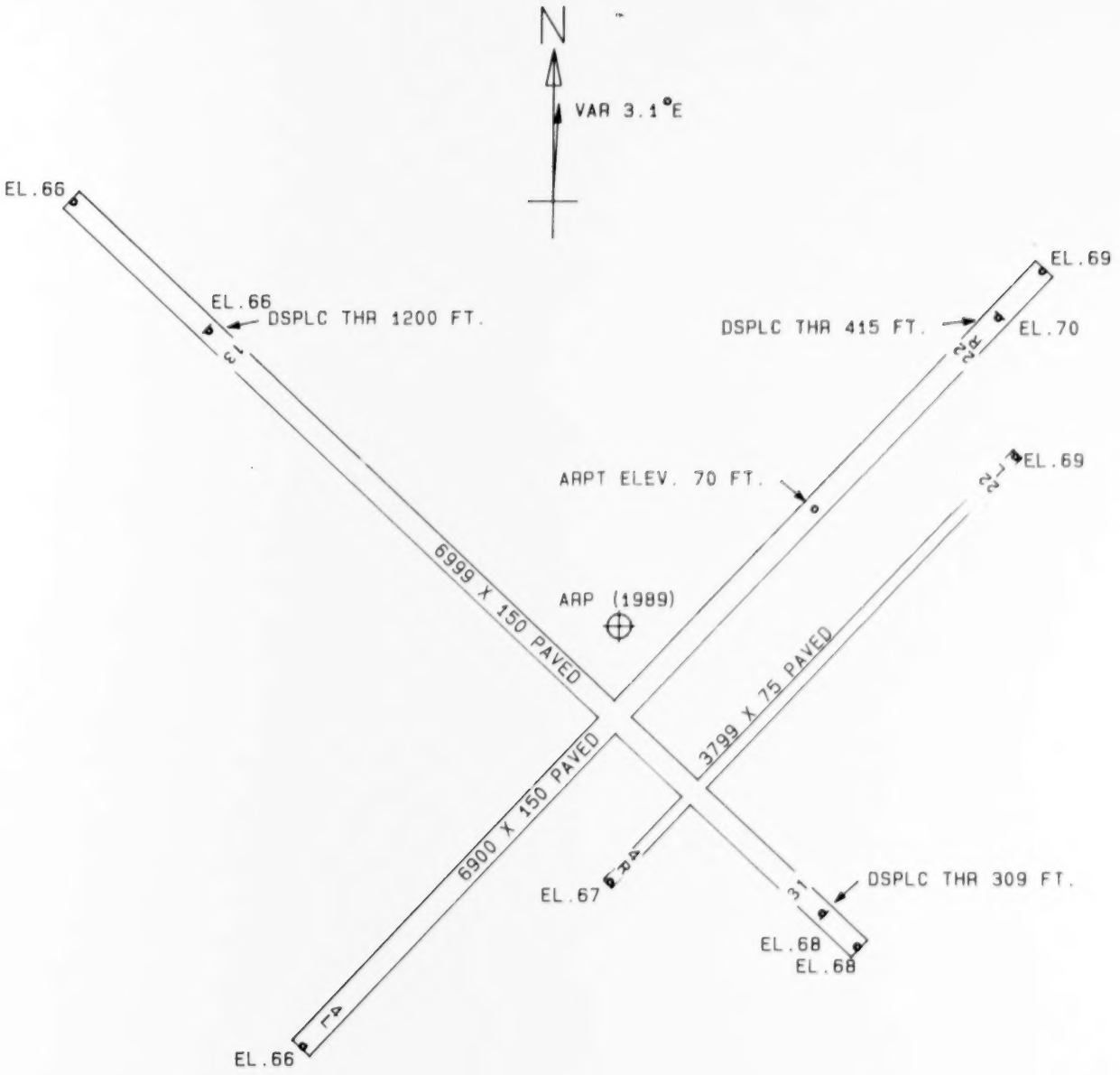
OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL ASR	303209.35	0910858.43	1A	176		106	356 30	1072
OL ANEMOMETER	303149.49	0910911.29	1A	100		30	227 22	1468
SIGN	303152.18	0910842.19	1A	99		29	112 3	1561
LIGHT POLE	303155.38	0910840.21	1A	89		19	98 59	1622
ANTENNA ON RTR TOWER	303221.13	0910909.36	1A	109		39	333 49	2458
TREE	303141.23	0910832.54	1A	110		40	124 59	2868
TREE	303221.88	0910920.89	1A	153		83	316 45	3058
TREE	303223.95	0910838.24	1A	150		80	31 31	3095
LIGHT POLE	303210.62	0910824.31	1A	91		21	64 57	3209
TREE	303207.58	0910822.52	1A	146		76	71 0	3258
ANTENNA ON OL CONTROL TR	303126.08	0910855.50	1A	184		114	172 35	3309
TREE	303212.71	0910821.86	1A	113		43	63 3	3489
TREE	303226.56	0910833.08	1A	133		63	35 4	3575
ANT AND APT BN ON OL TANK	303146.42	0910937.05	1B	258		188	246 42	3607
TREE	303225.40	0910925.82	1A	131		61	315 10	3609
TREE	303226.57	0910830.57	1A	108		38	37 44	3715
TREE	303134.39	0910930.43	1A	113		43	225 39	3732
TREE	303227.28	0910926.81	1A	145		75	316 6	3809
TREE	303227.51	0910929.86	1A	122		52	313 25	4006
TREE	303131.24	0910932.65	1A	111		41	224 6	4089
TREE	303229.18	0910929.39	1A	146		76	315 28	4102
TREE	303133.05	0910821.44	1A	153		83	125 42	4142
TREE	303131.46	0910934.45	1A	140		70	225 47	4192
TREE	303232.36	0910932.39	1A	138		68	315 40	4516
OL ANTENNA ON BLDG	303128.64	0910936.98	1A	144		74	224 55	4547
TREE	303231.00	0910935.99	1A	85		15	311 37	4632
TREE	303219.45	0910946.01	1A	159		89	293 33	4664
TREE	303236.68	0910823.01	1A	147		77	35 47	4924
TREE	303221.95	0910948.12	1A	156		86	295 12	4945
TREE	303234.89	0910936.54	1A	150		80	314 27	4949
TREE	303236.89	0910938.86	1A	147		77	314 19	5236
POLE	303241.16	0910943.53	1A	115		45	314 13	5829
TRANSMISSION TOWER	303245.48	0910814.93	1A	149		79	35 42	6059

OC0040 File Continued from Previous Page

AIRPORT ELEVATION 70

ARP 303158.744N 0910858.346W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
VENT ON TANK	303244.89	0910947.48	1A	119		49	314 14	6340
TREE	303232.66	0911000.25	1A	139		69	299 14	6407
TREE	303240.26	0911012.81	1A	136		66	299 41	7747
LIGHT STANDARD	303031.83	0910930.47	1B	205		135	194 39	9219
ANTENNA ON OL RADIO TR	303057.38	0911044.79	2A	236		166	233 15	11185
OL STACK	303036.67	0911103.61	2A	310	249	240	229 47	13741
STACK	303000.60	0911023.99	2A	352	301	282	209 1	14092
OL STACK	302949.44	0911034.31	2A	366	311	296	209 38	15529
OL STACK	302941.79	0911022.86	2A	361	302	291	205 1	15688



TOUCHDOWN ZONE RUNWAY	ELEVATION
4L	69
22R	70
13	68
31	69
4R	69
22L	69

BATON ROUGE METROPOLITAN AIRPORT: RYAN FIELD

BATON ROUGE, LOUISIANA

(NOT TO SCALE)